



Driven to extremes health effects of climate change

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Abstract:

Last year was one for the record books. In 2006, the United States experienced the warmest surface temperature since 1895. It was also the eleventh year since 1995 to rank among the warmest worldwide ever recorded. The decade prior saw many other extreme weather events. In 2003, a brutal summer heat wave in Europe killed at least 22,000 people. In 1998, Hurricane Mitch stalled over Central America and released six feet of rain, causing massive mudslides and claiming 11,000 lives. After that storm, Honduras reported thousands of cases of cholera, malaria, and dengue fever.

Source: <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1852655>

Resource Description

Climate Scenario :

specification of climate scenario (set of assumptions about future states related to climate)

Special Report on Emissions Scenarios (SRES)

Exposure :

weather or climate related pathway by which climate change affects health

Air Pollution, Extreme Weather Event, Food/Water Quality, Food/Water Security, Glacier/Snow Melt, Precipitation, Sea Level Rise, Temperature

Air Pollution: Allergens, Interaction with Temperature, Ozone

Extreme Weather Event: Drought, Flooding, Hurricanes/Cyclones

Food/Water Quality: Pathogen

Temperature: Extreme Cold, Extreme Heat, Fluctuations

Geographic Feature:

resource focuses on specific type of geography

Ocean/Coastal, Urban

Geographic Location:

resource focuses on specific location

Climate Change and Human Health Literature Portal

Global or Unspecified

Health Impact:

specification of health effect or disease related to climate change exposure

Infectious Disease, Morbidity/Mortality, Respiratory Effect

Infectious Disease: Foodborne/Waterborne Disease, Vectorborne Disease, Zoonotic Disease

Foodborne/Waterborne Disease: Cholera, Cryptosporidiosis, General Foodborne/Waterborne Disease, Giardiasis, Vibrioses

Foodborne/Waterborne Disease (other): Cyclosporidiosis

Vectorborne Disease: Mosquito-borne Disease, Tick-borne Disease

Mosquito-borne Disease: Dengue, General Mosquito-borne Disease, Malaria, Ross River Virus, West Nile Virus

Tick-borne Disease: Lyme Disease

Zoonotic Disease: General Zoonotic Disease

Respiratory Effect: Asthma

Mitigation/Adaptation:

mitigation or adaptation strategy is a focus of resource

Mitigation

Model/Methodology:

type of model used or methodology development is a focus of resource

Exposure Change Prediction

Population of Concern: A focus of content

Population of Concern:

populations at particular risk or vulnerability to climate change impacts

Elderly, Low Socioeconomic Status

Resource Type:

format or standard characteristic of resource

Review

Timescale:

time period studied

Long-Term (>50 years)